

CALIFORNIA ENERGY COMMISSION

1516 Ninth Street
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Main website: www.energy.ca.gov



Notice of Report Availability

LOCALIZED HEALTH IMPACTS REPORT

Selected Projects Awarded Funding Through the Alternative and Renewable Fuel and Vehicle Technology Program Under Solicitation PON-09-605 Publication CEC-600-2010-006

Assembly Bill 118 (Núñez, Chapter 750, Statutes of 2007) created the Alternative and Renewable Fuel and Vehicle Technology Program (Program). This statute, amended by Assembly Bill 109 (Núñez, Chapter 313, Statutes of 2008) authorizes the California Energy Commission to “develop and deploy innovative technologies that transform California’s fuel and vehicle types to help attain the state’s climate change policies.” The Energy Commission has an annual program budget of approximately \$100 million.

The statute also directs the Air Resources Board to develop guidelines that apply to the program to ensure the program complements efforts to improve air quality. The Air Quality Guidelines were approved in 2008. California Code of Regulations, Title 13, Chapter 8.1, Section 2343(c)(6) contains the requirement for the Energy Commission, being the funding agency, to analyze the localized health impacts of projects funded by the program that require a permit.

California Code of Regulations, Title 13, Chapter 8.1, Section 2343(c) (6) requires the Energy Commission to consider the localized health impacts and environmental justice when selecting projects for funding. The Energy Commission is required to analyze localized health impacts for projects proposed for program funding that require a permit and publish a staff report for review and comment by the public at least 30 calendar days before approval of projects. The report was publicly available on August 17, 2010.

This report is a review of the projects submitted under the Manufacturing Plants: Electric Vehicles, Alternative Fuel Vehicles, Vehicle Components and Batteries grant solicitation and proposed for funding under the Alternative and Renewable Fuel and Vehicle Technology Program for Fiscal Year 2010/2011. The report includes a description of the projects, criteria emissions data for the fuels associated with the projects and demographic data for the areas where the projects will be located, and an analysis of the impacts of these projects in communities with the most significant exposure to air contaminants or localized air contaminants.

The specific projects analyzed in this report are:

- Green Vehicles Incorporated Battery Electric Vehicle Pilot Assembly Line
- Mission Motors Electric Vehicle Component Commercialization Through Product Validation and Process Improvements
- Electric Vehicles International (EVI) Vehicle Manufacturing Modernization Project
- TransPower Feasibility of a Vertically-Integrated Facility for Electric Truck Manufacturing
- Wrightspeed Incorporated Digital DriveSystem Retrofit Kit
- Boulder Electric Vehicle Incorporated Los Angeles Plant
- Quantum Fuel Systems Technologies Worldwide, Incorporated Product Launch of a Combination Charger/Inverter
- Leyden Energy Incorporated Predevelopment and Development of Infrastructure for Battery Manufacturing Facility
- Zero Motorcycles Incorporated Advanced Electric Vehicle Powertrain Development and Pilot Manufacturing in California
- Coulomb Technologies Smart Charge
- Quallion Li-Ion Assembly Line Pilot Project

This report is available free from the Energy Commission's website at:
www.energy.ca.gov/2010publications/CEC-600-2010-006/CEC-600-2010-006.PDF

A print copy is available upon request made either in writing to the address below or by electronic mail to [ab118@energy.state.ca.us].

Written Comments

Written comments on this report must be submitted by 5 p.m. on September 16, 2010. Written comments received after that date and time will not be considered. Please include the publication number CEC-600-2010-006 and indicate *Localized Health Impacts Report for Selected Projects Awarded Funding Through the Alternative and Renewable Fuel and Vehicle Technology Program Under Solicitation PON-09-605* in the subject line or first paragraph of your comments. Please hand deliver or mail an **original copy** to:

California Energy Commission
Fuels and Transportation Division, MS-44
Re: CEC-600-2010-006
1516 Ninth Street
Sacramento, CA 95814-5512

The Energy Commission encourages comments by electronic mail (e-mail). Please include your name or organization's in the name of the file. Those submitting comments by e-mail should provide them in either Microsoft Word format or as a Portable Document (PDF) to [ab118@energy.state.ca.us].

Note: California Energy Commission's formal name is State Energy Resources Conservation and Development Commission